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Subject: Top octave augmentation for compression horn tweeters

Posted by [Wayne Parham](#) on Sun, 24 Feb 2008 22:54:01 GMT

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source is desirable. In most cases this is true, but in this case, it's not.

The values I've chosen for the compression driver horn circuit are purpose-designed to provide a

curve with flat response from the crossover point up to the frequency where HF augmentation begins. A typical L-Pad with bypass capacitance would make response be a diagonal line from the crossover point up. That's why a compression horn using a typical L-Pad sounds thin to you. The power response of a compression driver is flat for a couple octaves, then starts falling off after that. The conjugate of this is to be flat for a couple octaves, and then start augmentation. That's